

We claim:

1. A wine aging wrapper comprising ground spinel  $AB_2O_4$  wherein A is magnesium, divalent iron, nickel, manganese, cobalt, or zinc, B is aluminum, trivalent iron, trivalent manganese, or trivalent chromium, and O is oxygen, mixed with resin and coated on a substrate for wrapping around a wine container.
2. The wrapper of claim 1 wherein the spinel emits far-infrared radiation with a spectral range of 3-30 microns.
3. The wrapper of claim 1 wherein the spinel and resin is in the ratio of 1:3 by weight.
4. The wrapper of claim 1 wherein the resin is selected from the group consisting of epoxy, acrylonitrile-butadiene-styrene, polyvinyl chloride or any combination thereof.
5. The wrapper of claim 1 wherein the substrate is a plastic film.
6. The wrapper of claim 1 wherein the substrate is styrofoam™ in the form of two half-shells
7. The wrapper of claim 1 wherein the spinel comprises at least of 30% of iron in B.

8. A process for aging wine comprising adapting a container of the wine to the radiation of spinel  $AB_2O_4$  wherein A is magnesium, divalent iron, nickel, manganese, cobalt, or zinc, B is aluminum, trivalent iron, trivalent manganese, or trivalent chromium, and O is oxygen, said spinel radiating in the range of wavelength of 3-30 microns..
9. The process of claim 8 wherein preferred B of the spinel  $AB_2O_4$  comprises at least 30% of iron.
10. The process of claim 9 wherein the spinel emits radiation in the range of 18-30 microns.
11. The process of claim 8 wherein the container is a bottle.
12. The process of claim 9 wherein the container is a wine pipeline.
13. The wrapper of claim 1 wherein the substrate is the container.
14. The wrapper of claim 7 wherein the substrate is the container.